

ABSTRACT

There is described an optical device for emitting a laser light beam, comprising a laser light beam emission source (for example, a semiconductor laser diode) including means
5 for generating the laser light beam housed into a package provided with a light beam emission window. The emission window is shaped so as to be a diaphragm intended to select a predetermined portion of the light beam. The size of said window is smaller than the size of the light beam in a
10 transversal cross section taken at said emission window. Moreover, the device comprises a lens for focusing said portion of the light beam. The focusing lens can in turn be housed into the emission window and be itself a diaphragm. In particular, said lens is a Fresnel or diffractive lens.

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(Fig. 3)